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MISULOVIN, S.M.

MISULOVIN, S.M., inzh.

Devices used in machining spring blank. Mashinostroitel' no.10:39 O '57. (MIRA 10:11)

1. Leningradskiy Ordena Lenina metallicheskiy zavod.
(Springs (Mechanism))

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L 24056-66
ACC NR: AP6013237

the other, is wound around each ferrite core. This winding serves all the cores of one row and is connected through the selecting contact with the battery pole on one side and through the controlling contact with the reading current source on the other.

[DW]

SUB CODE: 09/ SUBM DATE: 16Jun63/

Card 2/2 dlb

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

L 24056-66 EWT(d)/EWP(1) IJP(c) BB/GG

ACC NR: AP6013237 SOURCE CODE: UR/0413/66/000/008/0031/0031

37
B

INVENTOR: Misulovin, L. Ya.; Karsums, A. M.; Koblents, Ya. G.; Lomas, T. A.; Artsishevskiy, V. V.

ORG: none

TITLE: Matrix ferrite diode-storage device. 16 Class 21, No. 180630 [announced by the State Electrical Equipment Plant of the Latvian Sovnarkhoz (Zavod VEF Latviyskogo SHKh); Scientific Research Institute of Urban and Rural Telephone Communications (Nauchno-issledovatel'skiy institut gorodskoy i sel'skoy telefonnoy svyazi)]

SOURCE: Izobreteniya, promyshlennyye obraztsy tovarnyye znaki, no. 8, 1966, 31

TOPIC TAGS: storage device, ferrite core memory, ferrite

ABSTRACT: An Author Certificate has been issued for a matrix ferrite diode-storage device which, using a relay control, has the number of columns which corresponds to the information, while the number of rows is determined by the code. In order to use the recording wires for all the cores of one row and to combine them with the output wires of the row, the input of each recording wire is connected through the controlling contact to the battery minus pole, while its output is connected to the actuating device using the controlled relay. In order to combine the recording windings with the output windings, one winding, which in series with the decoupling diode is connected with the recording wire at one end and with the reading wire at

Card 1/2 UDC: 621.374.32

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L 6524-66

ACC NR: AP5025647

simplified-filter receiver. An experimental verification yielded these results:

Type of channel:	Wrong or lost characters per 1000:
Overhead line	5.08
Radio relay line	0.55
Physical circuit	0
Step-by-step dial system	19.2

Orig. art. has: 6 figures, 25 formulas, and 2 tables.

SUB CODE: EC/ SUBM DATE: 15May65/ ORIG REF: 003/ OTH REF: 001

nw

Card 2/2

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

L 6524-66 EWT(d)/FSS-2

ACC NR: AP5025647 SOURCE CODE: UR/0106/65/000/010/0056/0063

AUTHOR: Misulovin, L. Ya.

ORG: none

TITLE: Multifrequency receiver of encoded information

SOURCE: Elektrosvyaz', no. 10, 1965, 56-63

TOPIC TAGS: multifrequency receiver, telephone system

ABSTRACT: Multifrequency receivers intended for handling call-number signals in dial-telephone systems are considered. A "2 out of 6" code ensuring 15 elements for transmitting one digit, in a simultaneous multifrequency system operating within 300--3400 cps, is used. The dynamic range of the receiver-input levels is the major factor that determines the design of the frequency filters; both AGC and special rejection circuits have been used to reduce the effects of the dynamic range. An improved method of reception is suggested which depends on the realization of this function at the frequency-division filter output: $Y = A - B$; $A = \varphi(U, f)$; $B = \psi(U)$; U is the input-signal level; f is the input-signal frequency; $A > B$ at the signal frequency. Design formulas are developed for this

Card 1/2

UDC: 621.391.176/.177:621.395.341

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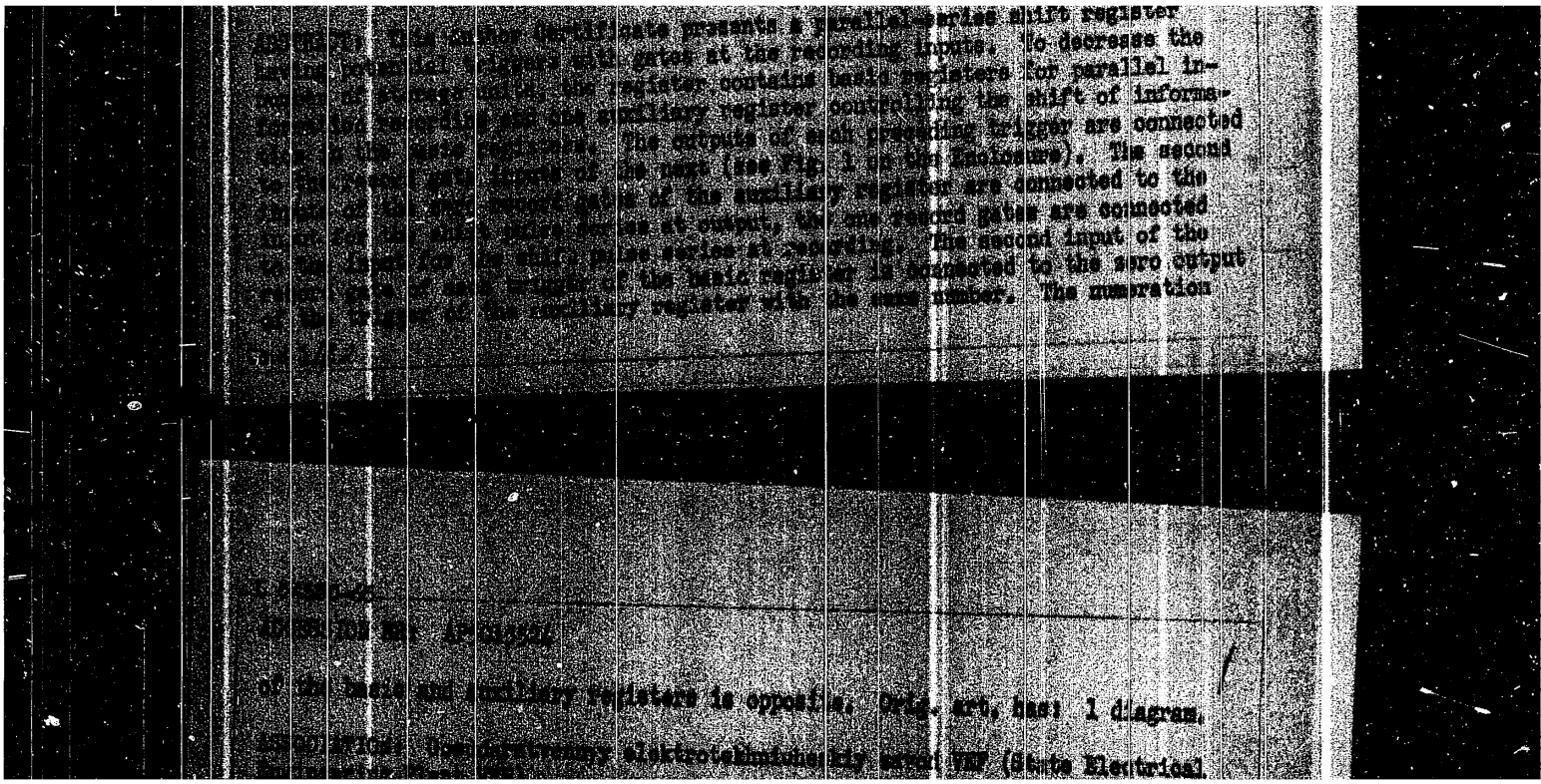

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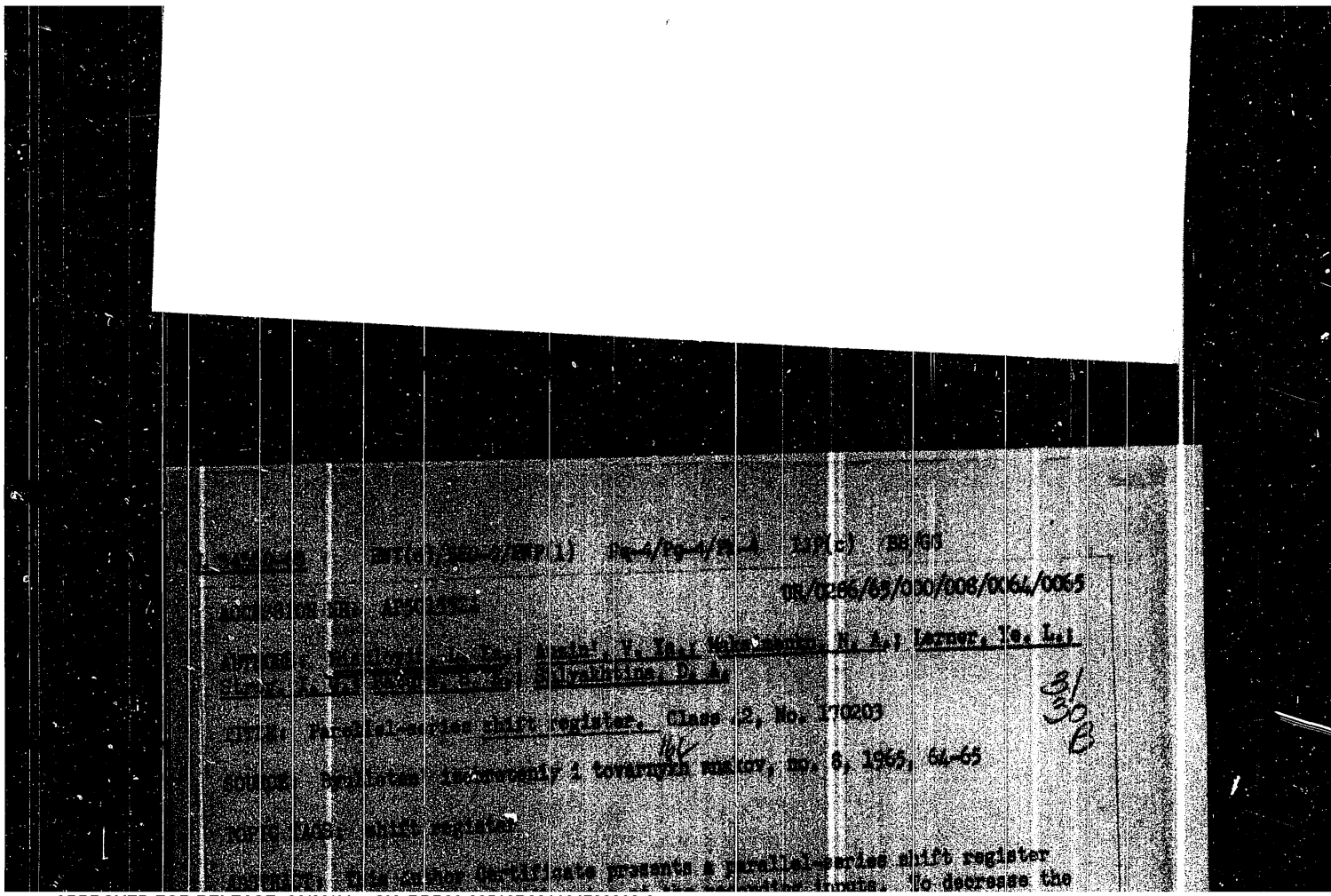

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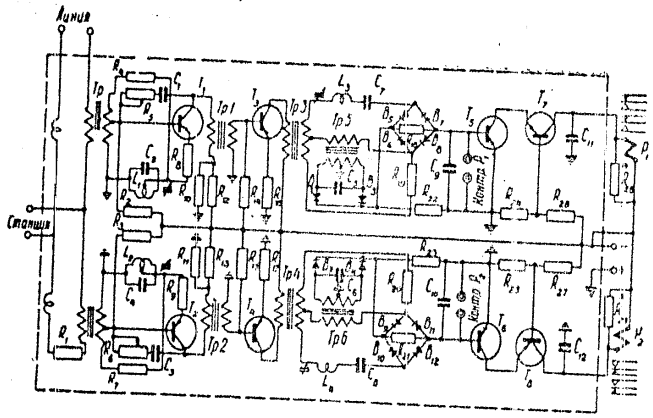
APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

Two-frequency Transistor Receiver for Mixing

86311
S/111/60/000/011/003/[illegible]
B019/B067

sovnarkhoz) and the Leningradskoye sovnarkhoz (Leningrad sovnarkhoz) helped to speed up the production of this receiver. There are 1 figure and 1 Soviet reference.

ASSOCIATION: Zavod "VEF"
(Factory "VEF")



Card 2/2

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

86311
S/111/60/000/011/003/004
B013/B067

6.7300 (3203, 1099, 1524)

AUTHORS: Misulovin, L. Ya., and Serezhnikov, Ye. A., Senior Engineers

TITLE: Two-frequency Transistor Receiver for Mixing

PERIODICAL: Vestnik svyazi, 1960, No. 11, pp. 8 - 9

TEXT: The receiver described here was developed at the factory "VEF" and is intended for the reception and the transformation of audio-frequency pulses in automatic and semiautomatic interurban telephone communications. It is light and small and costs 10% less than the hitherto used instruments. The circuit of this receiver consists of two equal parts, one for the reception of 1200 cycles, the other for 1600 cycles. Each of them consists of an input circuit containing a differential transformer for suppressing the other frequency of a preamplifier, and of a comparison circuit. The signals are amplified to a degree that causes a relay of type РЭН (RPN) to respond. The circuit is discussed in detail. The Latviyskoye sovnarkhoz (Latvian

Card 1/2

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MISU, A.

TECHNOLOGY

Periodicals: ENERGETICA. Vol. 6, no. 8, Aug. 1958

MISU, A. Electrification of Japan. p. 376

Monthly List of East European Accessions (LEAI) LC, Vol. 8, No. 2, February 1959, Unclass.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISU, A.

realizations and present trends in the field of thermomechanical equipment of thermomelectric-power plants. II Steam boilers.

P. 380 (Energetica. Vol. 5, no.8, Aug. 1957, Bucuresti, Rumania)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no.2
February 1958

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISU, A. ; GOLDENBERG, C.

Realizations and present trends in the field of the thermomechanical equipment of thermoelectric-power plants. (To be contd.) p. 235
(ENERGETICA. Vol. 5, no. 7, July 1957, Rumania)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957
Uncl.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTYUK, V.V.

Some peculiarities in the formation of work habits in older pupils. Nauk. zap. Nauk.-dosl. inst. psykhol. 11:169-173 '59. (MIRA 13:11)

1. Institut psikhologii, Kiyev.
(Work, Method of) (Manual training)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

Mistyuk, I.V.

SIZINTSEVA, V.P.; MISTYUK, I.V.

Interprovince conference on practical problems of epidemic hepatitis. (Botkin's disease). Vop.virus. 1 no.4:61-62 Jl-Ag '56. (MLRA 10:1)
(HEPATITIS, INFECTIOUS)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

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99-58-5-6/10

Drain-Laying Combine - A New Machine for Mechanized Installation of Covered Drainage

and backs the ground. There are 4 photos and 1 figure.

AVAILABLE: Library of Congress

Card 2/2 1. Drainage-USSR 2. Drainage-Equipment 3. Water supply-USSR
4. Irrigation systems-Equipment

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTYUK, G.P.

AUTHORS: Sal'nikov, V.G., Mistyuk, G.P., Engineers 99-58-5-6/10

TITLE: Drain-Laying Combine - A New Machine for Mechanized Installation of Covered Drainage (Drenoukladochnyy kombayn - novaya mashina dlya mekhanizatsii stroitel'stva zakrytogo drenazha)

PERIODICAL: Gidrotekhnika i Melioratsiya, 1958, Nr 5, pp 42-45 (USSR)

ABSTRACT: In the irrigation and melioration of the Golognaya Steppe, covered drainage occupies an important place. According to plans 1,062 000 m of covered drainage will be constructed near the Central Canal, and another 377,000 m. in the area of the Southern Canal. The authors propose a special drain-laying combine which will mechanize the operation. The drain-laying machine is mounted on the trench excavator ETU-353. It can lay 170 m per shift. The cost of such drain-laying is 10 times less than by hand. The bunker of this machine is divided into three sections, which are charged with gravel, sand and piping. The sand is placed on the bottom of the trench, the gravel covers the deposited pipes, which fall in an uninterrupted line with small gaps between. The machine automatically regulates the thickness of the layers of sand and gravel. A bulldozer fills in the trench

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MISTUR, L.

Hundredth (100th) course terminated at the Welding Center in Gliwice.

P. PCO (PRZEGLAD SPAWALNICTWA) (Warsaw, Poland) Vol. 9, no.7, July 1957

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTUR, L.

Training of welders in Basic Vocational Training. p. 230.
(PRZEGLAD SPAWALNICTWA. Vol. 8, no. 9, Sept. 1956, Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957. Uncl.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTUR, L.

Training of welding cadres in the Training Center of Welding, Central Administration of Vocational Training. p. 229.
(PRZEGLAD SPAWALNICTWA. Vol. 8, no. 9, Sept. 1956, Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957. Uncl.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTRYUKOV, Yu.M.

Using a special ruler to make an analytical calculation of effective velocities on hodographs of reflected waves. Razved. i prom. geofiz. no.39:16-33 '61. (MIRA 15:3)
(Seismic prospecting--Equipment and supplies)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

Prpearation of Rubber Mixes on Continuous Production Lines

ful continuous-line working. Considerable savings are quoted (actually in thousands of roubles, but not related to output) with respect to power requirements for the rubber mills, reduction in amount of cooling water and compressed air used, and in particular through elimination of wastage of material as a result of rapid inspection possible with "express-control". Further economies result from the small labour force required which gives approx. 10% greater output per man-shift, and through freeing of space formerly required for intermediate storage of material in course of preparation. There are 2 Figures and 1 Table.

ASSOCIATION: Kirovskiy shinnyy zavod (Kirov Tire Factory)

Card 2/2

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

SOV/138-58-10-7/10

AUTHORS: Kirpichev, A. I; Ostrugov, L. L. Mistryukova, G. V.; Nikol'skaya, V. N.

TITLE: Preparation of Rubber Mixes on Continuous Production Lines (O potochnykh liniyakh po izgotovleniyu rezinovykh smesey)

PERIODICAL: Kauchuk i Rezina, 1958, Nr 10, pp 29 - 32 (USSR)

ABSTRACT: An account is given of 2½-years experience since the introduction of continuous-line working in the rubber mixing, milling, extrusion calendering and other sections of the factory. Wasteful cooling and re-heating of the rubber mix between stages of preparation has been eliminated by careful integration of the capacities of the various units of the plant which feed directly from one unit to the next. The rubber mix is transported on conveyor belts from the mixers to the initial leafing mills, through to the mills feeding the calenders and other plant, as a ribbon about 20 cm wide. The necessary organization between the various shops to co-ordinate rate of consumption of the mix is discussed. The introduction of "express-control" methods, enabling the mixes to be tested for correct vulcanizing properties, within about 3 minutes of preparation, is essential to success-

Card 1/2

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MISTRYUKOV, E.A.

Stereochemistry of reduction of 4-keto-cis-octahydro-1-pyrindine and study of the possibility of O → N acyl migration in the perhydropyrindine series. Izv.AN SSSR.Ser.khim. no.12:2155-2163 '65. (MIRA 18:12)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR. Submitted July 11, 1963.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTRYUKOV, E.A.

Synthesis of cis- and trans-isomers of decahydroquinoline and octahydro-1- pyrindine. Izv. AN SSSR, Ser. khim. no.11: 2001-2005 '65.

Debenzoylation reaction and the configuration of isomeric N-benzoyl-octahydro-1-pyrindines and decahydroquinolines. Ibid.:2006-2009 (MIRA 18:11)

1. Institut organicheskoy khimii im. N.D. Zelinskogo, AN SSSR.

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MITSKEVICH, V.A.

Effect of electrostatic factors on the stereochemistry of catalytic reduction of ketones of the piperidine series. Izv. AN SSSR, Ser. khim. no.10:1826-1832 '65.

Effect of electrostatic factors on the stereochemistry of catalytic hydrogenation of ketones of the piperidine series. Ibid.:1832-1836 (MIRA 18:10)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTRYUKOV, E.A.

Cis- and trans-perhydropyrindines. Izv. AN SSSR Ser. khim. no.7: 1249-1254 Jl '64. (MIRA 17:8)

1. Institut organicheskoy khimii imeni Zelinskogo AN SSSR.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTRYUKOV, E.A.; ARONOVA, N.I.; KUCHEROV, V.F.

Synthesis of some substituted N-propargyl- γ-piperidones. Izv. AN SSSR. Ser.khim. no.3:512-519 Mr '64. (MIRA 17:4)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTRYUKOV, E.A.

Configuration of isomeric N-benzoyl-cis-decahydro-4-quinolinols and relative stability of cis-trans isomers in the decahydro-4-quinolone. Izv.AN SSSR Otd.khim.nauk no.5:929-932 My '63. (MIRA 16:8)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
(Quinolone) (Quinolinol) (Isomers)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTRYUKOV, E.A.; ARONOVA, N.I.; KUCHEROV, V.F.

Stereochemistry of heterocyclic compounds. Report No.11: Effect of substitution at the nitrogen atom on the configuration of 4-decahydroquinolones and the stereochemistry of some nucleophilic reactions at a keto group. Izv.AN SSSR.Otd.khim.nauk no.9:1599-1604 S '62. (MIRA 15:10)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
(Quinolone) (Substitution (Chemistry)) (Stereochemistry)

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MISTRYUKOV, E.A.; ARONOVA, N.I.

Stereochemistry of heterocyclic compounds. Report No.10: Effect of the nature of substitution at nitrogen of γ-piperidones on the stereochemistry of phenyllithium synthesis. Izv. AN SSSR. Otd.khim. nauk no.5:877-883 My '62. (MIRA 15:6)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
(Lithium) (Piperidone) (Substitution (Chemistry))

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

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MISHNYUKOV, S.A.; ARCHOVA, N.I.; KUCHEROV, V.F.

Reversible cyclization of β-alkylaminoethyl [illegible] to γ-piperidones as affected by the nature of substituents. Izv. AN SSSR. Otd.khim.nauk no.5:870-876 My '62. (MIRA 15:6)

1. Institut organicheskoy khimii im. N.D.Zelinskogo [illegible].
(Ketone) (Piperidone) (Substitution (Chemistry))

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTRYUKOV, Ye. A.

Chromatography on plates with non-bound aluminum oxide. Coll Cz Chem 26 no.8:2071-2073 '61.

1. Institute of Organic Chemistry, USSR Academy of Science, Moscow, USSR.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTRYUKOV, E.A.; KUCHEROV, V.F.

Stereochemistry of heterocyclic compounds. Report No.9: Synthesis of isomeric decahydro-4-quinolol o-acetates and study of the possibility for O→N-acyl migration in the series of decahydroquinoline. Izv.AN SSSR.Otd.khim.nauk no.11:2044-2050 N '61. (MIRA 14:11)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
(Hydroquinone) (Quinoline) (Stereochemistry)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTRYUKOV, E.A.; KUCHEROV, V.F.

Stereochemistry of heterocyclic compounds. Report No.8: Reaction of debenzoylation and stereochemistry of decahydroquinoline and its derivatives. Izv.AN SSSR.Otd.khim.nauk no.10:1826-1829 O '61. (MIRA 14:10)

1. Institut organicheskoy khimii im. Zelinskogo AN SSSR.
(Quinoline) (Stereochemistry)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTRYUKOV, E.A.; KUCHEROV, V.F.

Stereochemistry of heterocyclic compounds. Report No.7: Spacial structure of derivatives of decahydro-4-quinolone and configuration of isomeric decahydroquinolines. Izv.AN SSSR.Otd.khim.nauk no.10:1816-1825 O '61. (MIRA 14:10)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
(Quinolone) (Quinoline) (Stereochemistry)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTRYUKOV, E.A.

Synthesis of methylacetoacetic ester by the methylation of acetoacetic ester with dimethyl sulfate. Izv. AN SSSR. Otd.khim.nauk no.8:1512-1513 Ag '61. (MIRA 14:8)

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR.
(Acetoacetic acid)
(Methylation)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTRYUKOV, E.A.; KUCHEROV, V.F.

Schotten-Baumann inverse reaction and stereochemistry of decahydroquinoline and its derivatives. Izv. AN SSSR. Otd. khim.nauk no.7:1345-1346 Jl '61. (MIRA 14:7)

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR.
(Quinoline)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTRYUKOV, E.A.; KUCHEROV, V.F.

Effect of the nitrogen function of 4-ketodecahydroquinoline on the relative stability of cis- and trans-isomers. Izv. AN SSSR. Otd.khim.nauk no.7:1343-1344 Jl '61. (MIRA 14:7)

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR.
(Quinoline) (Isomers)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTRYUKOV, E.A.; ARONOVA, N.I.; KUCHEROV, V.F.

New method for synthesizing N-alkyl-4-piperidones. Izv.AN SSSR.Otd. khim.nauk no.5:932-933 My '61. (MIRA 14:5)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
(Piperidone)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTRYUKOV, E.A.; KUCHEROV, V.F.

Stereochemistry of heterocyclic compounds. Report No.4: Esterification and space configuration of some 4-phenyl-4-piperidinols. Izv.AN SSSR Otd.khim.nauk no.4:627-632 Ap '61. (MIRA 14:4)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
(Piperidinol)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTRYUKOV, E.A.

Synthesis and space configuration of some 1-methyl-4-phenyl-4-piperidinols. Izv.AN SSSR Otd.khim.nauk no.4:623-626 Ap '61. (MIRA 14:4)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
(Piperidinol)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTRYUKOV, E.A.; SHVETSOV, N.I.

Synthesis of four geometrical isomers of 1,2,3-trimethyl-4-phenyl-4-piperidinol. Izv. AN SSSR. Otd. khim. nauk no.2:292-294 F '61. (MIRA 14:2)

1. Institut organicheskoy khimii im.N.D.Zelinskogo AN SSSR.
(Piperidinol)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

Acetylene-Derivatives. Communication 183. New Method of the Synthesis of the 4-Piperidones by the Action of Ammonia or of Primary Amines on Alkenyl-β-Dialkyl-Aminoethylketones

62-58-5-9/27

ketones obtained in this way, split off diethyl-amine on heating and produce 4-piperidones. The authors further describe the obtaining of γ-piperidones (formulae IV to VII). The latter were of interest to the authors because of the discovery of new anodyne substances. Piperidones with a yield of 60% which contained no substituents with nitrogen, were obtained on the action of aqueous ammonia on alkenyl-β-diethyl-aminoethyl-ketones. Corresponding benzoylderivatives were obtained from the piperidones by means of heating the hydrochlorides of these piperidones with chlorobenzoyl. (Formulae IX and X). There are 4 references, 2 of which are Soviet.

ASSOCIATION: Institut organicheskoy khimii im. N. D. Zelinskogo AN SSSR (Institute for Organic Chemistry imeni N. D. Zelinskiy AS USSR)

SUBMITTED: November 19, 1956

1. Acetylene derivatives--Chemical properties 2. Piperdines--Synthesis 3. Ammonia--Chemical reactions 4. Amines--Chemical reactions 5. Dialkyl-aminoethylketones--Chemical reactions

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

AUTHORS: Nazarov, I. N., Mistryukov, E. A. 62 33-3-9/27

TITLE: Acetylene-Derivatives(Proizvodnyye atsetilena). Communication 183. New Method of the Synthesis of the 4-Piperidones by the Action of Ammonia or of Primary Amines on Alkenyl-β-Dialkyl-Aminoethylketones(Soobshcheniye 183. Novyy metód sinteza 4 piperidonov deystviyem ammiaka ili pervichnykh aminov na alkenil-β-dialkilaminoetilketony)

PERIODICAL: Izvestiya Akademii Nauk SSSR,Otdeleniye Khimicheskikh Nauk, 1958, Nr 5, pp. 584-589 (USSR)

ABSTRACT: In the preceding communication the synthesis of the 4-piperidones by cyclization of the divinyl-ketones which were obtained by means of fission of the methiodides of the alkenyl-β-diethylaminoethylketones, was described. It was found, however, that the same 4-piperidones can be much more easily obtained immediately from unsaturated β-aminiketones, in which case their stage of conversion into divinyl-ketones is not required. The present report is devoted especially to this problem. The cyclization-process takes place by way of the formation of di-aminoketones by means of the combination of methyl amine by way of the binary bond (formulae I to III). The β,β- diamino-

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Acetylene Derivatives. Communication 151: Hydration of Vinylacetylene Amines into Unsaturated β-Aminoketones

formulae II - VI). In the case of hydration of the unsubstituted vinylacetylene amine (Reference 4) an unstable unsaturated β-aminoketone is formed. (See formulae VII - IX). Diaminoketone consolidates rather quickly in storing, aminoketones, however, change little. The structure of the obtained aminoketones is proved by their possibility of their cleavage. There are 4 references, 1 of which is Soviet.

ASSOCIATION: Institut organicheskoy khimii im. N. D. Zelinskogo Akademii nauk SSSR (Institute for Organic Chemistry imeni N. D. Zelinskiy, AS USSR)

SUBMITTED: November 19, 1956

AVAILABLE: Library of Congress

Card 3/3 **1. Acetylene derivatives 2. Vinylacetylene amines--Transformation**

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

Acetylene Derivatives. Communication 161: Hydration of Vinylacetylene Amines into Unsaturated β-Aminoketones

ketones. For neutralizing the reaction mass ammonia dissolved in water was used. The recently published reports on the hydration of some aminoethylated alkylacetylenes (reference 4) of the kind

$$C_nH_{2n+1}\text{-}C\equiv C\text{-}CH_2\text{-}N(C_2H_5)_2 \xrightarrow{H_2O} C_nH_{2n+1}\text{-}CO\text{-}CH_2\text{-}CH_2N(C_2H_5)_2$$

made possible a comparison of the conditions of hydration of these acetylene amines with the conditions of hydration of the amines of the vinylacetylene series. The results showed that the triuary bond in acetylene amines (formula 1) also hydrates well with very low concentrations of sulfuric acid. Thus it was possible by means of hydration (see formula 1) to synthetize the following unsaturated β-amino ketones: 1-diethylamino-4-methylpentene-4-on-3, 1-diethylamino-5-methylhexene-4-on-3, β-diethylaminoethyl- Δ^1-cyclohexenyl-ketone and β-diethylaminoethyl- Δ^1-cyclopentenylketone (see

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTRYUKOV, E. A

AUTHORS: Nazarov, I. N., Mistryukov, E. A.

TITLE: Acetylene Derivatives (Proizvodnyye atsetilena). Communication 181: Hydration of Vinylacetylene Amines into Unsaturated β-Aminoketones (Soobshcheniye 181: Gidratatsiya vinilatsetilenovykh aminov v nepredel'nyye β-aminoketony)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Otdeleniye Khimicheskikh Nauk, 1958, Nr 4, pp. 460 - 464 (USSR)

ABSTRACT: In the last paper the authors discussed the Mannikh reaction with vinylacetylene hydrocarbons. For the purpose of investigating this reaction a number of vinylacetylene amines were synthetized in great yields. The authors were also interested in an investigation of the hydration of these amines as the unsaturated β-amino ketones forming on this occasion might turn out to be valuable intermediate products for the synthesis of anesthetics. The application of the usual method (hydration of the trinary bond of vinylacetylene amines) did not lead to satisfactory results. After careful investigation the authors succeeded in finding that aqueous ammonia does not combine with derivative α-,β-unsaturated

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

62-58-4-12/32

Acetylene Derivatives. Communication 182: New Method for the Synthesis of Divinylketones by Cleaving Iodo-methylates of the Alkenyl-β-Diethylamino-ethylketones

There are 8 references, 5 of which are Soviet.

ASSOCIATION: Institut organicheskoy khimii im. N. D. Zelinskogo Akademii nauk SSSR (Institute for Organic Chemistry imeni N. D. Zelinskiy, AS USSR)

SUBMITTED: November 19, 1956

AVAILABLE: Library of Congress

1. Acetylene derivatives 2. Divinylketones—Synthesis—Methods

Card 3/3

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

62-58-4-12/32

Acetylene Derivatives. Communication 132: New Method for the Synthesis of Divinylketones by Cleaving Iodo-methylates of the Alkenyl-β-Dialkylamino-ethylketones

$$CH_2J\text{-}CH{=}C\text{-}CO\text{-}CH_2\text{-}CH_2\text{-}N\langle .CH_3J \xrightarrow{+O} \text{-}CH{=}C\text{-}CO\text{-}CH{=}CH_2$$

The pyrolysis of various salts of alkenyl-β-dialkylamino-ethylketones was investigated. The best results were obtained by cleaving iodo-methylates. Corresponding vinylalkenylketones in about ~70% yield are formed. This way vinylisopropenylketones (see formula 1), 4-methylhexadiene-1,4-on (formula 2), vinyl-Δ^1-cyclohexenylketone (formula 3) and vinyl-cyclopentenylketone (formula 4) were produced. All produced vinylalkenylketones represent mobile, strong smelling liquids and polymerize quickly. They are also convenient initial products for synthetizing γ-piperidones.

Card 2/3

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

Mistryukov, E.A.

CC-[illegible]-1-12/22

AUTHORS: Nazarov, I. N., Mistryukov, E. A.

TITLE: Acetylene Derivatives (Proizvodnyye atsetilena). Communication 132: New Method for the Synthesis of Divinylketones by Cleaving Iodo-methylates of the Alkenyl-β-Diethylaminoethylketones (Soobshcheniye 132: Novyy metod sinteza divinilketonov rasshchepleniyem yodmetilatov alkenil-β-dietilaminoetilketonov)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Otdeleniye Khimicheskikh Nauk, 1958, Nr 4, pp. 469 - 468 (USSR)

ABSTRACT: In this paper the authors describe the third method of synthesis of divinylketones. It is expressed as follows:

$$-CH=C-C \equiv CH \xrightarrow[CH_2O]{HN<} -CH=C-C \equiv C-CH_2-N< \longrightarrow$$

$$\xrightarrow[H_2OH_2SO_4]{H_2SO_4} -CH=C-CO-CH_2-CH_2-N< \longrightarrow$$

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62-58-3-13/39

Acetylene Derivatives. Communication 180. Amines of the Vinylacetylene Series. The Influence Exerted by Traces of Iron Upon the Mannichian Reaction With Vinylacetylenic Hydrocarbons

are Soviet.

ASSOCIATION: Institut organicheskoy khimii im. N. D. Zelinskogo Akademii nauk SSSR
(Institute for Organic Chemistry imeni N. D. Zelinskiy, AS USSR)

SUBMITTED: November 19, 1956

Card 3/3

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

62-58-3-13/30

Acetylene Derivatives. Communication 180. Amines of the Vinylacetylene Series. The Influence Exerted by Traces of Iron Upon the Mannichian Reaction With Vinylacetylenic Hydrocarbons

on addition of catalytic quanta of iron salts ($FeCl_3$) that aminomethyl derivatives with ~90 % yields form without any difficulty:

$$-CH=C-C\equiv CH \xrightarrow[Fe^{3+},\ \text{dioxane}]{CH_2O,\ HN(C_2H_5)_2} -CH=C-C\equiv C-CH_2-N(C_2H_5)_2$$

This reaction can be somewhat accelerated, but only by addition of hydrochloric acid. The reaction of the aminomethylation was attained by means of heating of the diethylamine in para-configuration and vinylacetylenic hydrocarbon in a dioxane solution. Thereby the aminomethylation of isopropenylacetylene was realized as well as that of 3-methylpentene-3-in-1, cyclohexenylacetylene, cyclopentenylacetylene. Moreover some amines of the vinylacetylene series were obtained, such as: diethylamino-4-methylpentene-in-2, 1-diethylamino-4-methylhexene-4-in-2, Δ^1-diethylamino-3-(Δ^1-cyclohexenyl)propine-2, 1-diethylamino-3-(Δ^1-cyclopentenyl)propine-2 and 1-diethylamino-4-phenylhexene-4-2 (see formulae I to IV). There are 6 references, 0 of which

Card 2/3

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

62-58-3-13/39

AUTHORS: Nazarov, I. N. , Mistryukov, E. A.

TITLE: Acetylene Derivatives (Proizvodnyye atsetilena) Communication 180. Amines of the Vinylacetylene Series. The Influence Exerted by Traces of Iron Upon the Mannichian Reaction With Vinylacetylenic Hydrocarbons (Soobshcheniye 180. Aminy vinilatsetilenovogo ryada. Vliyaniye sledov zheleza na reaktsiyu Mannikha s vinilatsetilenovymi uglevodorodami)

PERIODICAL: Izvestiya Akademii Nauk SSSR Otdeleniye Khimicheskikh Nauk, 1958, Nr 3, pp. 335 - 338 (USSR)

ABSTRACT: In attempts to use the Mannichian reaction not only in the case of vinylacetylene - but also in the case of similar compounds it became evident that the above-mentioned synthesis was dependent on accidental admixtures (in the para-configuration of the compounds of iron). Diverse samples in the para-configuration yielded very different results. Carefully purified samples in the para-configuration and diethylamine do not react with vinylacetylenic hydrocarbons. It is only

Card 1/3

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTRYUKOV, E. A. (IOKh AS USSR, Moscow)

E. A. Mistryukov and N. I. Shvetsov, "Application of Concepts of Conformation for Determining the Conformation of Isomeric 1, 2, 3- and 1, 2, 5-Trimethyl-4-phenyl Piperidoles."

report presented at the Symposium on Concepts of Conformation in Organic Chemistry which took place in Moscow at the IOKh AN SSSR (Institute of Organic Chemistry, AS USSR) from September 30 to October 2, 1958.

Izvestiya Akademii nauk SSSR, Otdeleniye khimicheskikh nauk, 1959, No. 3, 561-564.

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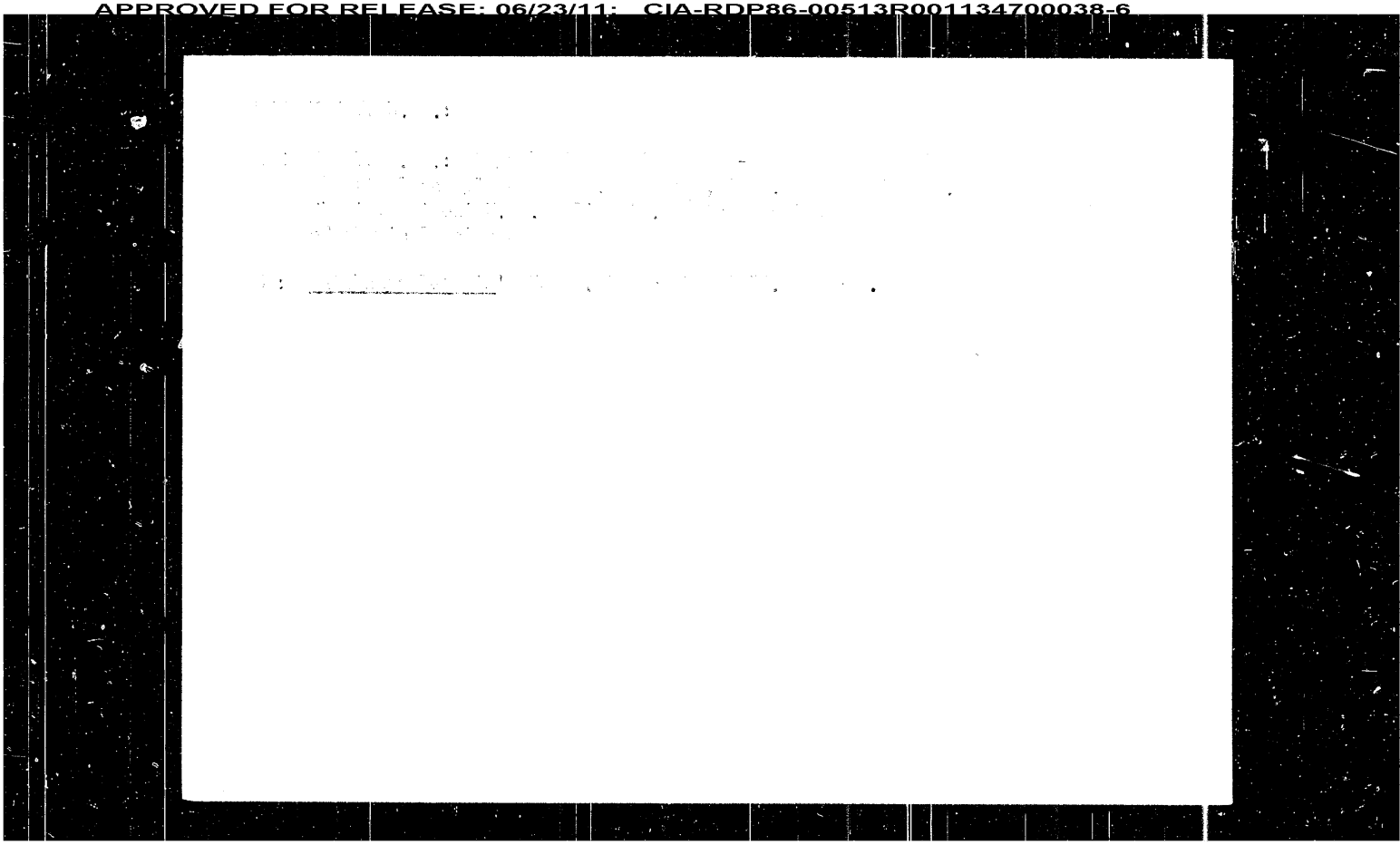

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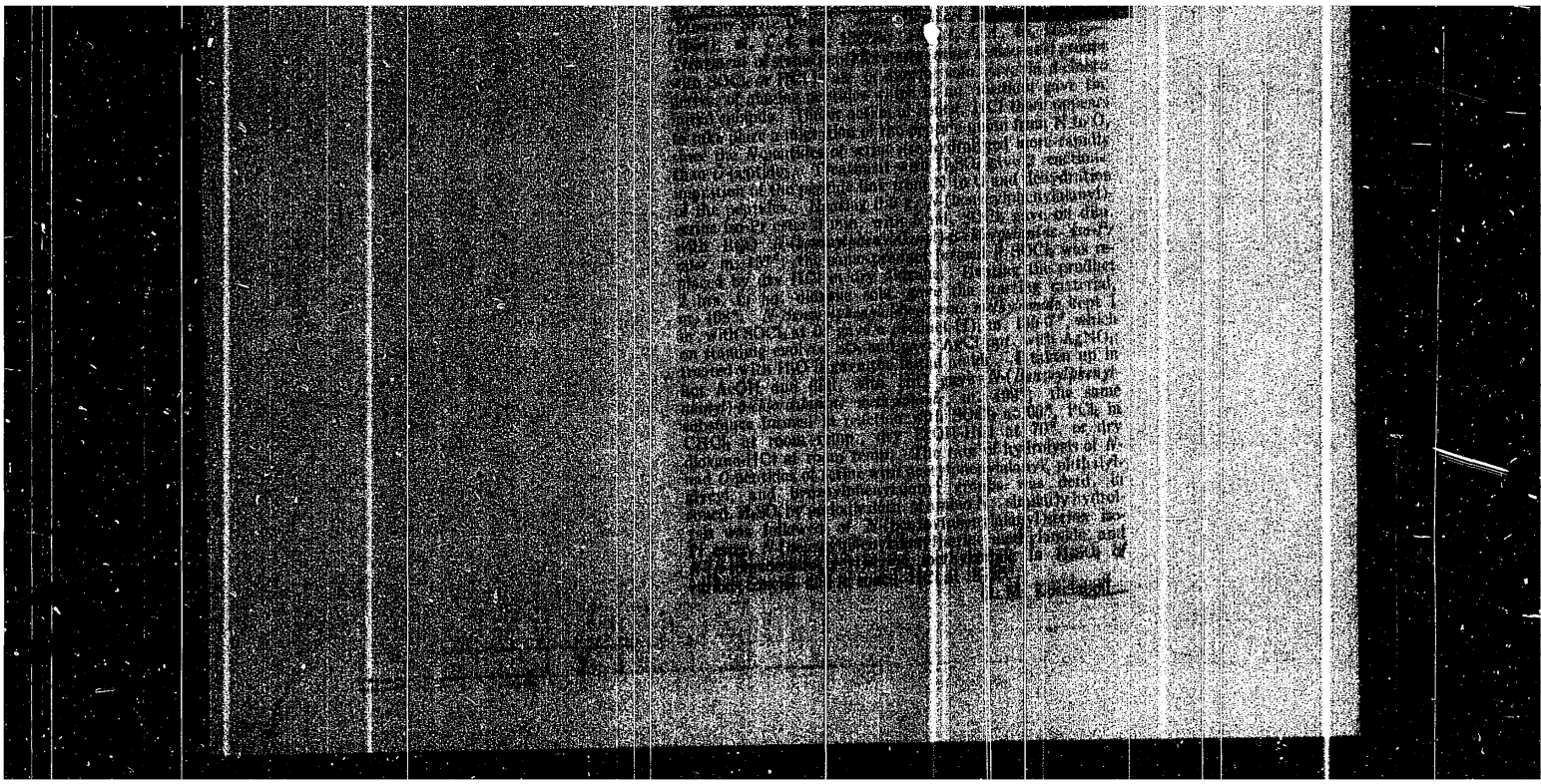

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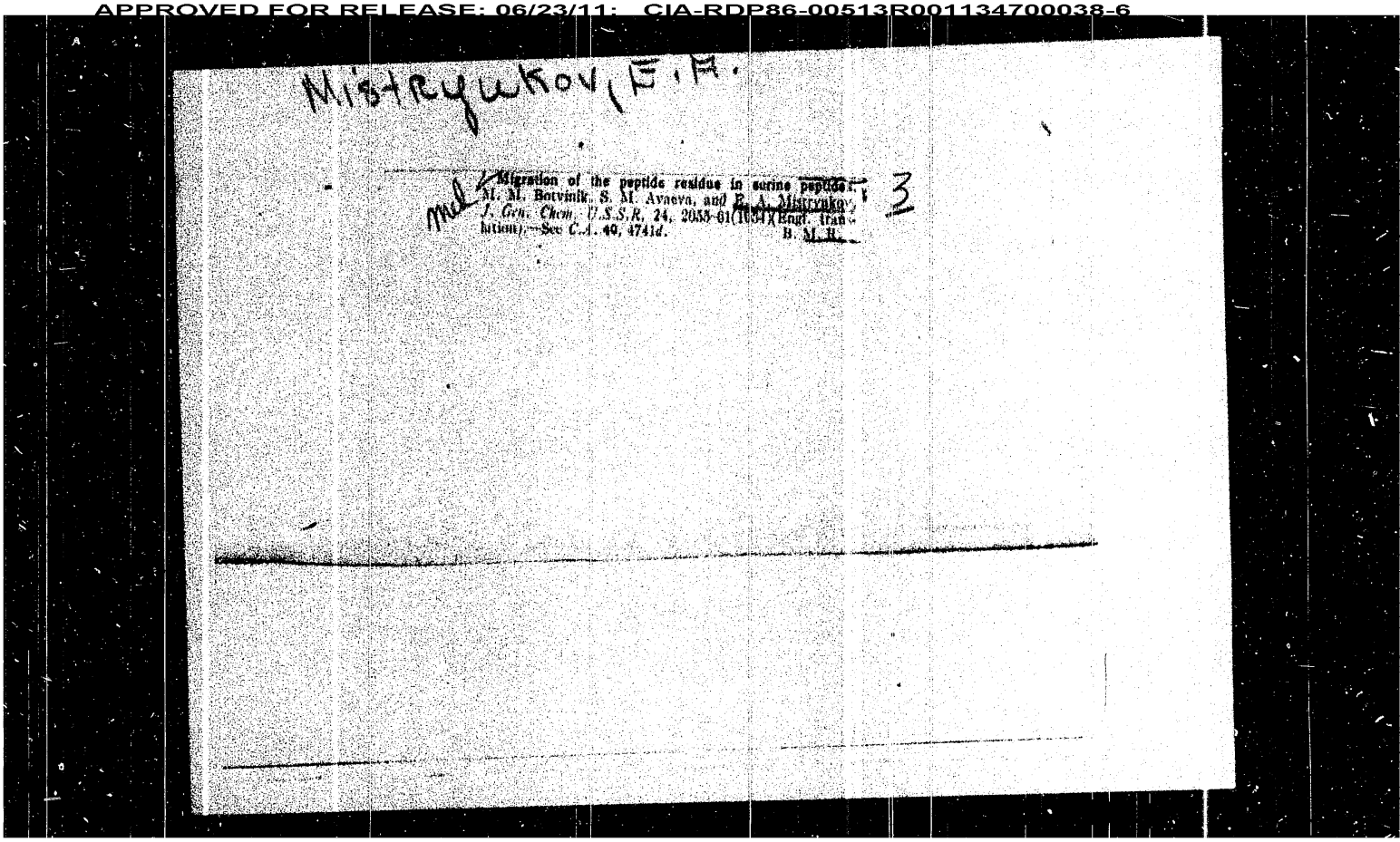

Mistryukov, E. A.

Migration of the peptide residue in serine peptides. M. M. Botvinik, S. M. Avaeva, and E. A. Mistryukov, J. Gen. Chem. U.S.S.R, 24, 2053-61(1954)(Engl. trans. lation).—See C.A. 49, 4741d. B. M. H.

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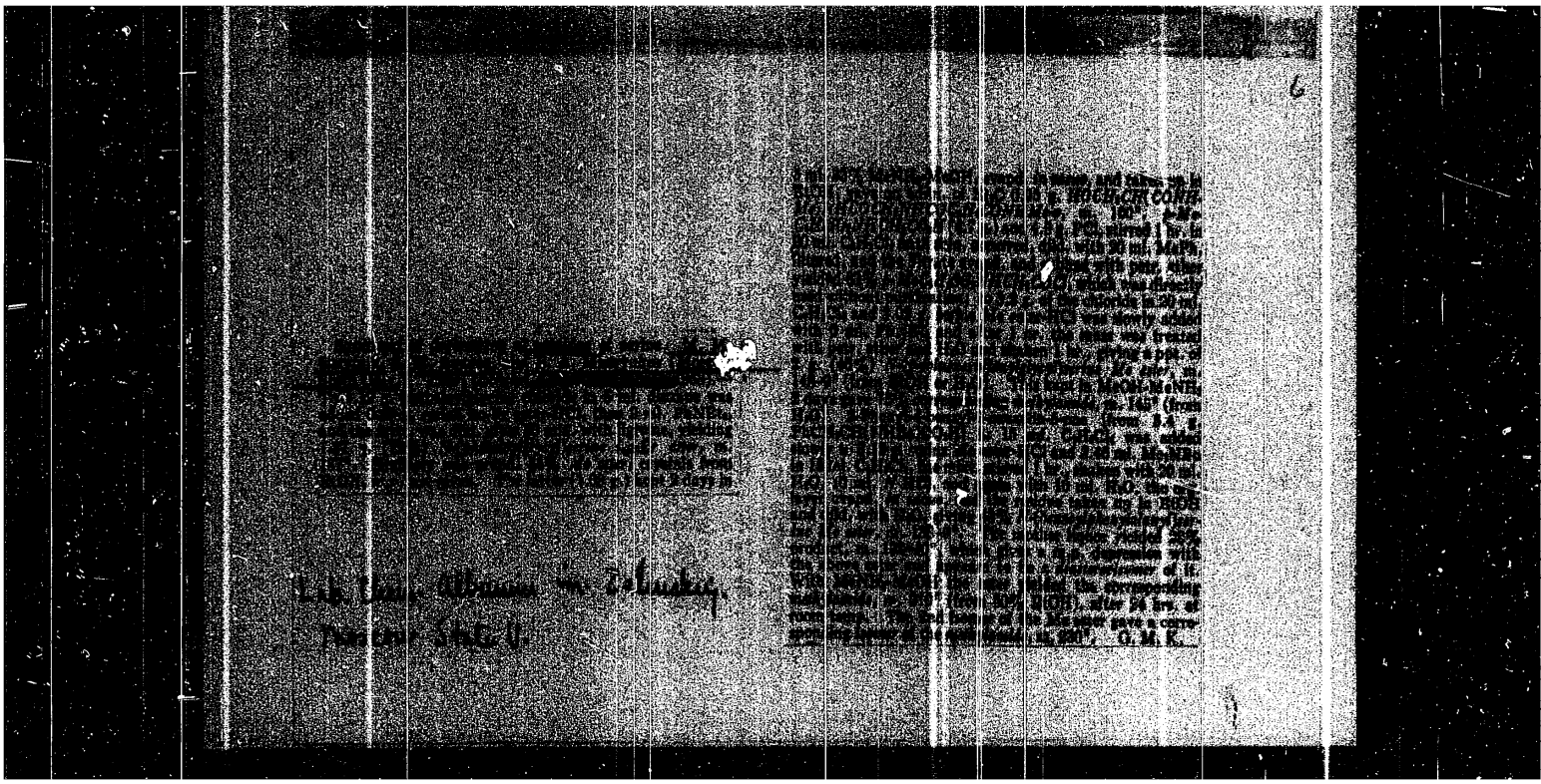

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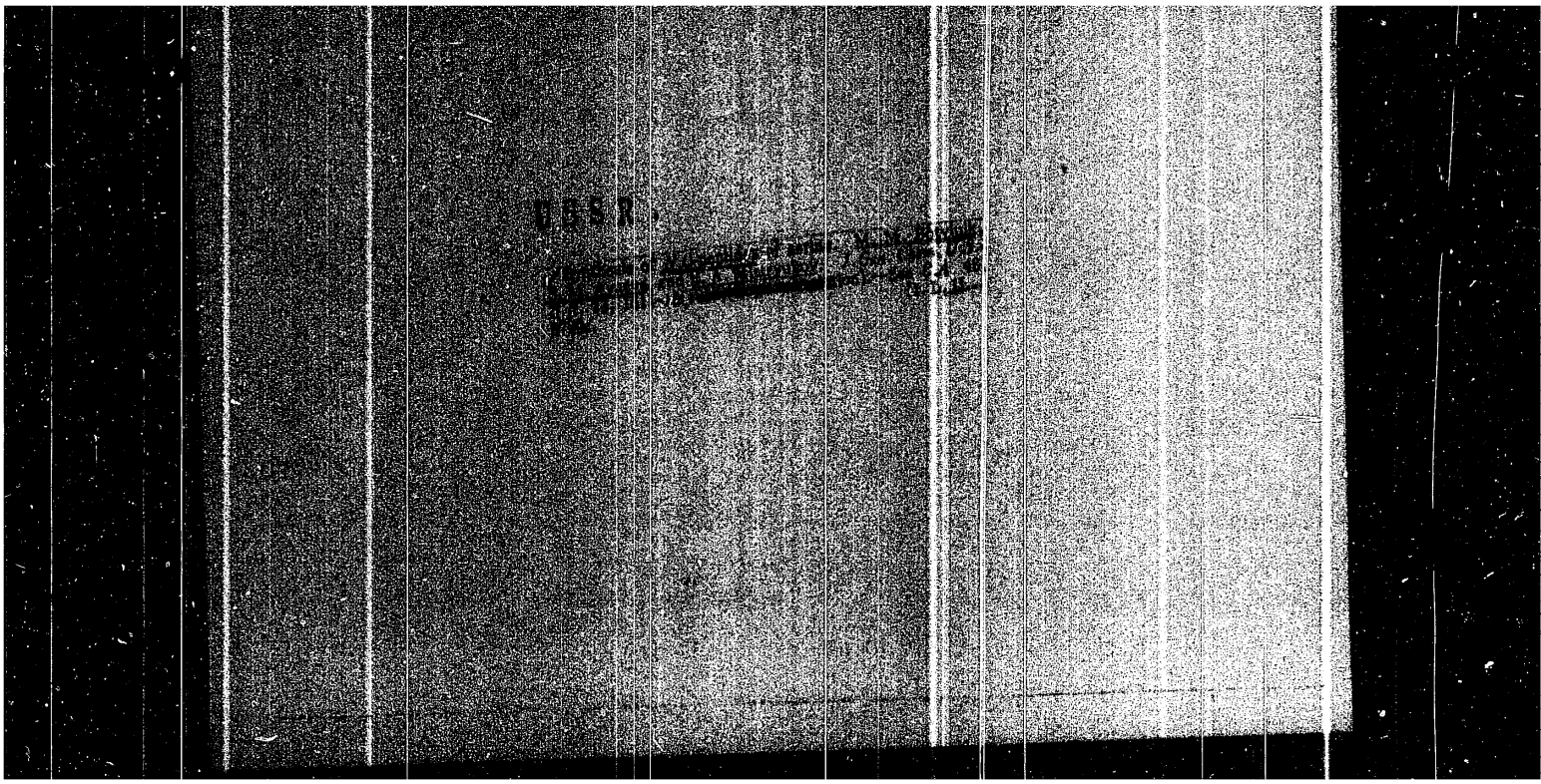

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BOTVINIK, M. M. AVAYEVA, S. M. MISTRYUKOV, E. A. 600

USSR (600)

Amino Acids

"Synthesis and Reactions of N-Aminoacyl Derivatives of Ethanolamines"
Dok. AN, USSR 82, No 5, 1952

Laboratoriya Khimii Belka Akad. M. D. Zelinskogo Moskovskogo Gosudarstvennogo Universiteta im. M. V. Lomonosova Recd. 26 Nov 1951

SO: Monthly List of Russian Accessions, Library of Congress, July, 1952, UNCL

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MISTROVA, V.N.; KHAYRULLINA, I.Kh.

The AVE-1 vacuum extractor in obstetrical practice. Kaz.med.zhur. no.3:87-88 My-Je '62. (MIRA 15:9)

1. Rodil'nyy dom No.3 Kazani (glavnyy vrach - A.D.Oskanova) i kafedra akusherstva i ginekologii (zav. - prof. N.Ye.Sidorov) Kazanskogo gosudarstvennogo instituta usovershenstvovaniya vrachey imeni V.I.Lenina.

(OBSTETRICS--EQUIPMENT AND SUPPLIES)

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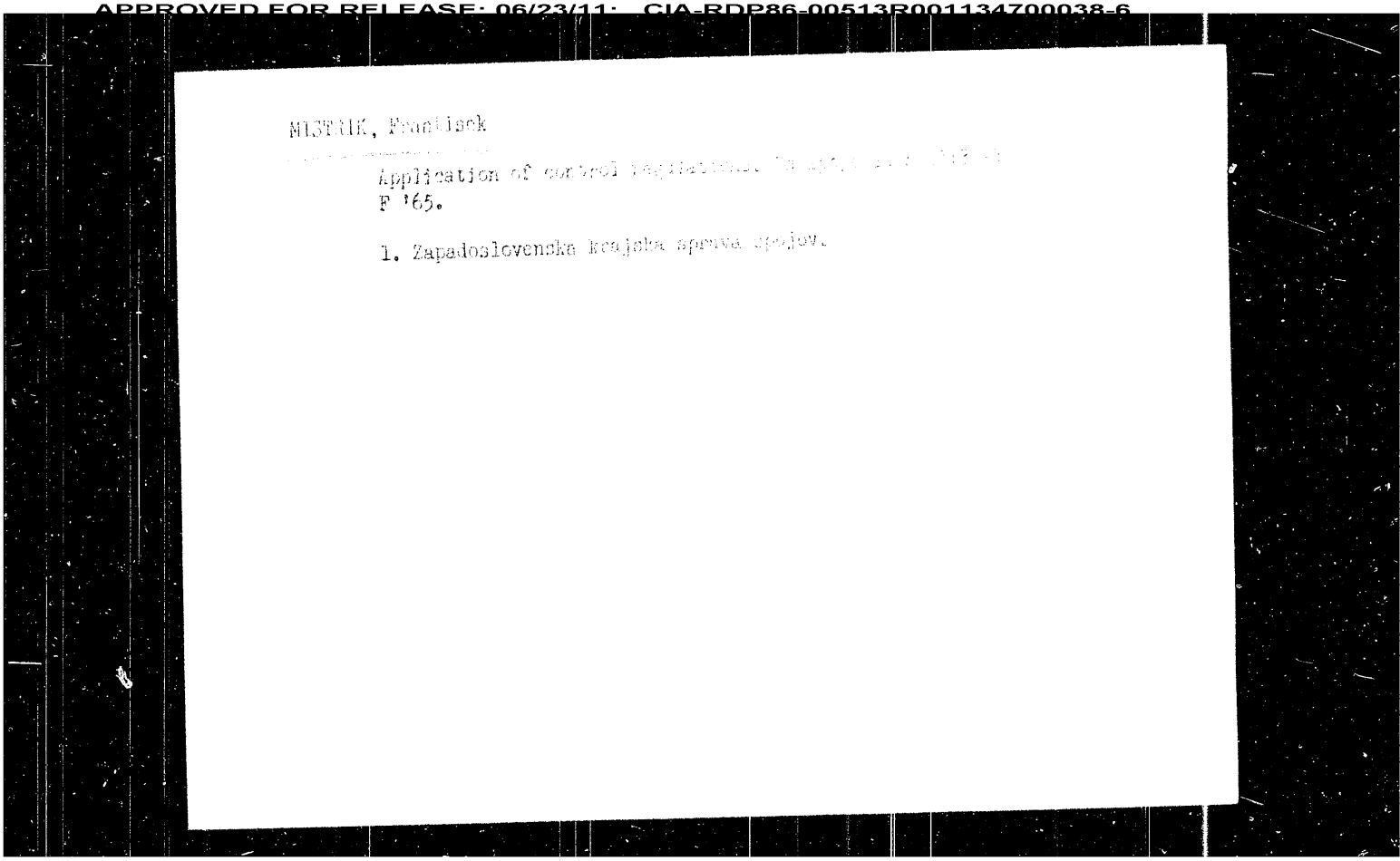

MISTIK, Vratislav

Application of control regulations. [illegible]
F '65.

1. Zapadoslovenska krajska sprava spojov.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MACHO, V.; MISTRIK, E.J.; ZIHA, V.

On the character of catalyst [illegible] hydrodesulphurization. Ropa a uhlie
29 no. 3:826-829 Mr '64.

1. Research Institute of Petrochemistry, Novaky.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

L 1376-66
ACCESSION NR: AP5024530

3

$$\log k = 19.285 - \frac{8425.55}{T}$$

The content of butyraldehyde in the product ranges from 9[illegible] to 69 percent with the rising temperature, and that of butanol from 5 to 25 percent by weight. It was proved that products with a high boiling point may be used as solvents provided they contain alcohols along with α,β-unsaturated aldehydes and other substances.

Orig. art.has: 4 graphs.

ASSOCIATION: Vyskumny ustav pre petrochemiu, Novaky (Petrochemistry Research Institute) 44,55

SUBMITTED: 03Feb64 ENCL: 00 SUB CODE: OC, GC
NR REF SOV: 000 OTHER: 018 JPRS

Card 2/2 dg

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

L 1376-66 EPF(c)/EWP(j) RM

ACCESSION NR: AP5024530 CZ/0043/64/000/010/0732/0738

AUTHOR: Macho, V.(Makho, V.)(Engineer, Candidate of sciences)(Novaky); Mistrik, E.J.(Engineer, Candidate of sciences)(Novaky)

TITLE: Hydroformylation of propylene by suing its product with a high boiling point as solvents

SOURCE: Chemicke zvesti, no. 10, 1964, 732-738

TOPIC TAGS: propylene, chemical kinetics, solvent action, thermochemistry

ABSTRACT: [Authors' German summary, modified]: Discontinuous experiments were conducted to study the kinetics of propylene hydroformylation and selectivity at temperatures from 120 to 180 degrees centigrades and pressures of about 200 and 245 atmospheres ($CO:H_2$ = 1:1), and at a concentration of 0.1 percent by weight of cobalt. The total rate is expressed by the equation

Card 1/2

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MISTRIK, Ed. J.; MACHO, V.

Alcohol manufacture by oxo synthesis. Ropa a uhlie 6 no. 4: 97-100 Ap '64.

1. VUP, Novaky.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MACHO, Vendelin, inz., CSc.; MISTRIK, Edmund Juraj, inz., CSc.;
STRESINKA, Josef, inz.

Effect of diolefins on oxo synthesis. Chem zvesti 17 no.9:
629-639 '63.

1. Vyzkumny ustav pre petrochemiu, Novaky.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTRIK, Ed. Juraj

Hydrogenation of oxo-synthesis products. Pt. 3. Chem prum 13 no. 12: 622-626 D '63.

1. Vyskumny ustav pre petrochemiu, Novaky.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTRIK, Ed. Juraj; POLIEVKA, Milan

Hydrogenation of oxo synthesis products. Pt.2. Chem prum 13 no.3: 129-133 Mr '63.

1. Vyskumny ustav pre petrochemiu, Novaky.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTRIK, Juraj Ed.; POLIEVKA, Milan

Hydrogenation of the products of oxo synthesis. Chem prum 12 no.3: 125-128 Mr '62.

1. Vyskumny ustav pre petrochemiu, Novaky.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

Liquid- phase-method and plant ...

generated I is continuously discharged through a cooler at the rate of 175-1750 l/hr per liter of RT capacity, showing thus a yield of 90-100% with respect to II. For example, if 100 kg/hr of II and 51.2 m^3/hr of HCl are fed at 0-25°C into the lower part of the RT (having an inside diameter of 350 mm and a capacity of 100 l), 180 kg/hr of I are produced (yield of 99%). A flow sheet is given. [Abstracter's note: Complete translation.]

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

S/081/63/000/002/050/088
B171/B102

AUTHORS: Repás, Milan, Mistrík, Edmund Juraj, Pschera, Jiří

TITLE: Liquid- phase-method and plant for continuous preparation of ethylene chlorohydrin from ethylene oxide and hydrogen chloride

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 2, 1963, 401, abstract 2N23 (Czechosl. patent 100737, Aug. 15, 1961)

TEXT: A patent has been granted for the preparation of concentrated (95-100%) ethylene chlorohydrin (I). Ethylene oxide (II) and HCl are fed through perforated pipes or ceramic bubblers into a cylindrical reactor (RT), filled with a liquid which, although miscible with I and solvent of II and HCl, does not react with any of these substances. Raw materials are fed at the rate of 100-1000 l/hr per 1 l of RT capacity, at a temperature from -30 to 100°C (preferably ∽70°C), using 1.005-1.01 mole of HCl to 1 mole of II. The incoming minute bubbles of II and HCl vigorously react to form I. The mixture, warmed by the heat of the reaction, is water-cooled in a thermo-siphon and returned into the RT. The

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24649

Z/043/61/000/009/001/001
D215/D303

Contribution to the study...

A. P. Dunlop, F. N. Peters: Ind. Eng. Chem. 34, 814 (1942); D. R. Stull: Ind. Eng. Chem. 39, 522 (1947); Y. Hachihama, T. Shono: Technology reports of the Osaka University 4, No 133, 413 (1954).

ASSOCIATION: Výskumný ústav pre petrochémiu v Novákoch (Research Institute for Petrochemistry in Nováky); Katedra organickej technológie Slovenskej školy technickej v Bratislave (Department of Organic Technology at the Slovak Institute of Technology in Bratislava).

SUBMITTED: October 17, 1960

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Contribution to the study...

that condensation depending on time features a reaction of the first order. Prevailing polycondensation products are those of type III and IV, the yield of product type II is negligible. Both the originating formaldehyde and the levulinic acid have no influence on reaction kinetics. The reaction temperature has a great influence on the polycondensation rate which increased 1.8 times when the temperature rose from 80 to 90°C, and 1.6 times when the temperature rose from 90 to 100°C. An efficient temperature control is, therefore, a must in polycondensation reactions. The activation energy for the oxalic-acid catalyzed polycondensation, calculated by the logarithmic form of the Arrhenius equation is E = 13.62 ± 0.88 kcal/mol. This value is the arithmetic mean for 80, 90, and 100°C; constants of the Arrhenius equation log $k = B - \frac{A}{T}$ are B = 5.097 and A = 2977. The authors thank Professor, Doctor J. Gašperník for his valuable contributions. There are 4 figures, 1 table, and 6 references: 1 Soviet-bloc and 5 non-Soviet bloc. The references to the English-language publications read as follows:

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Contribution to the study...

furfuryl alcohol. Tests, in which the catalytic influence of the above acids was studied, were conducted in a region where products type III, eventually also I and II, occurred. The tests produced the following results: The catalytic effect decreases in the order hydrochloric-sulfuric-oxalic-phosphoric acid and depends on the dissociation degree of the respective acid. This catalytic effect of protons can be explained by proton addition to the free electron pair on the oxygen atom of the furfuryl-alcoholic OH group. The originating oxonium cation disintegrates into water and a carbonium ion which reacts with another furfuryl-alcohol molecule in the alpha-position and yields a product of the type III. It was found that strong mineral acids are not suitable catalysts, since rapid polycondensation occurs already at concentrations of $1 \cdot 10^{-3}$ to $2 \cdot 10^{-3}$ gramequival. acid/100 ml furfuryl alcohol. Monomer furfuryl alcohol can, therefore, only be stored in the absence of free-acid traces. Kinetic measurings of furfuryl-alcohol polycondensation are complicated, since several reactions occur simultaneously and subsequently. During catalyzation with oxalic acid, it could be determined

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24649

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D215/D303

AUTHORS: Mistrík J., and Bobula S.

TITLE: Contribution to the study on kinetics of furfuryl-alcoholic resin formation

PERIODICAL: Chemické zvesti, no. 9, 1961, 625-630

TEXT: The article describes tests performed to determine the catalytic influence of hydrochloric, sulfuric, oxalic, and phosphoric acid on the polycondensation of furfuryl alcohol. The main reaction, taking place at homopolycondensation of furfuryl alcohol, is intermolecular dehydration with the hydroxyl group and alpha-hydrogen reacting as functional groups. The product of this reaction is 2-hydroxylmethyl-5-furfurylfurane (III) which, in turn, reacts with other furfuryl-alcohol molecules during the formation of a liquid, linear polycondensate (IV). By-reactions, taking place at more advanced polycondensation stages, lead to the formation of difurfuryl ether (I), di-2-furfuryl methane (II) and formaldehyde. In the presence of protons, levulinic acid originates by water addition to

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CZECHOSLOVAKIA / Chemical Technology - Chemical Products and H.
Their Application - Industrial Organic Synthesis.

Abs Jour : Ref Zhur - Khimiya, No 9, 1958, 29707

Author : Mistrik, Ed.J.
Inst :
Title : Fulfurol--A New Domestic Chemical Raw Material.

Orig Pub : Chem Prumysl, 6, No 8, 322-324 (1956) (in Slovak)

Abstract : A survey of furfurol processing methods, including the catalytic hydrogenation and decarboxylation of furfurol, and of the formation of resins and condensation products of furfurol.
The bibliography lists 62 articles.

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MISTRIK, Augustin, inz.

Present problems of the labor supply in forestry. Les cas 10 no. 1:35-44 Ja '64.

1. Ministerstvo zemedelstvi, lesniho a vodniho hospodarstvi, Praha.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTRIK, A.

"Increasing Vigilance, Improving the Working Methods of Protecting Forests Against Fire" p. 123, (POLANA, Vol. 9, no. 6, June 1953, Praha, Czechoslovakia).

SO: Monthly List of East European Accessions, LC, Vol. 2, No. 11, Nov. 1953, Uncl.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTRIK, A.

"Improving the Preparatory Work for the Drafting of the Economic Plan for 1954" p. 121, (POLANA, Vol. 9, no. 6, June 1953, Praha, Czechoslovakia).

SO: Monthly List of East European Accessions, LC, Vol. 2, No. 11, Nov. 1953, Uncl.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

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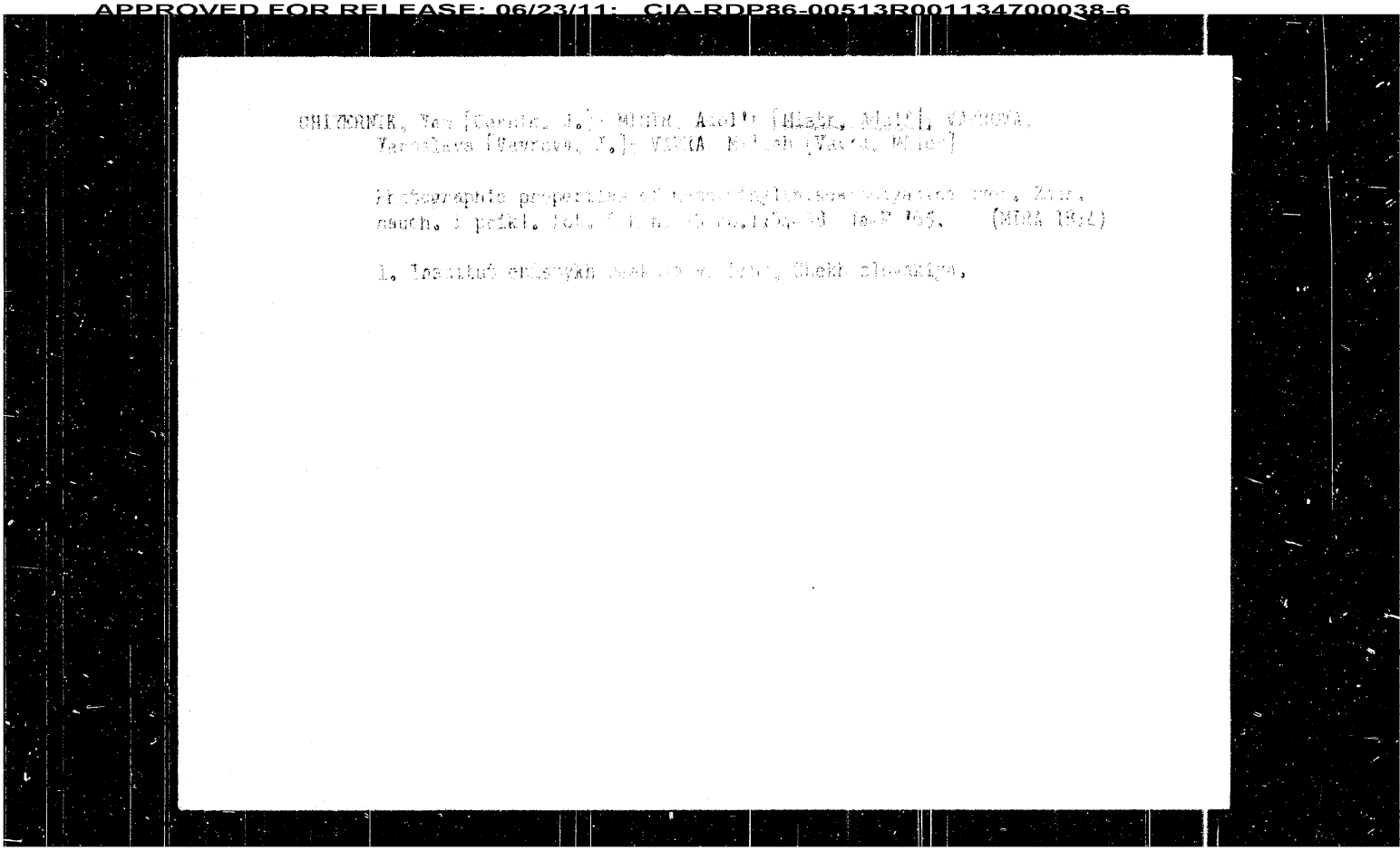

CHLEBOVEC, Ye. [Czech, J.]; MISHIN, Akol'd [Mišín, Alois]; VASILEVA, Yaroslava [Vasileva, J.]; VOSKA, Miloš [Voska, Miloš]

Photographic properties of [illegible] emulsions sensitized with [illegible]. Zhur. nauch. i prikl. fot. i kin. 5 no.1:50-53 Ja-F '60. (MIRA 13:4)

1. Institut eksperimental'noy fiziki, Chekh. akademiya.

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L 42252-66 EWP(j)/T IJP(c) RM

ACC NR: AP6031486 SOURCE CODE: CZ/0008/66/000/004/0479/0498

AUTHOR: Mistr, Adolf; Laznicka, Vladimir

ORG: Institute for Pure Chemicals, Brno (Ustav cistych chemikalii) 55 B 4

TITLE: Organic substances sensitive to light used in photomechanical reproduction

SOURCE: Chemicke listy, no. 4, 1966, 479-498

TOPIC TAGS: photosensitivity, photographic chemistry, chemical bonding, nonmetallic organic derivative, halogenated organic compound

ABSTRACT: The article discusses substances which are used in polygraphic industry, and in the electrotechnical low-current technology. Substances containing a diazo-group are reviewed. Light influences the solubility of these substances; their photosensitivity is a function of their nitrogen-carbon bond. O-quinondiazides, substances containing an azide group, and the manner in which the azide group is bound to the rest of the molecule are discussed. Aromatic derivatives are described. Layers with sensitivity based on the initiation of polymerization, substances containing the group -C=C-, and the substances based on halogenated organic compounds are reviewed. The 3 components normally used in such a layer are described. The mechanism of their photosensitivity is discussed. Orig. art. has: 1 figure. [JPRS: 36,464]

SUB CODE: 14, 07 / SUBM DATE: none / ORIG REF: 001 / SOV REF: 001
OTH REF: 058

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MISTOR, P., prof. (Arad)

Contribution to the teaching of geography in the 5th and 6th grades. Natura Geografie 15 no.4:50-53 Jl-Ag '63.

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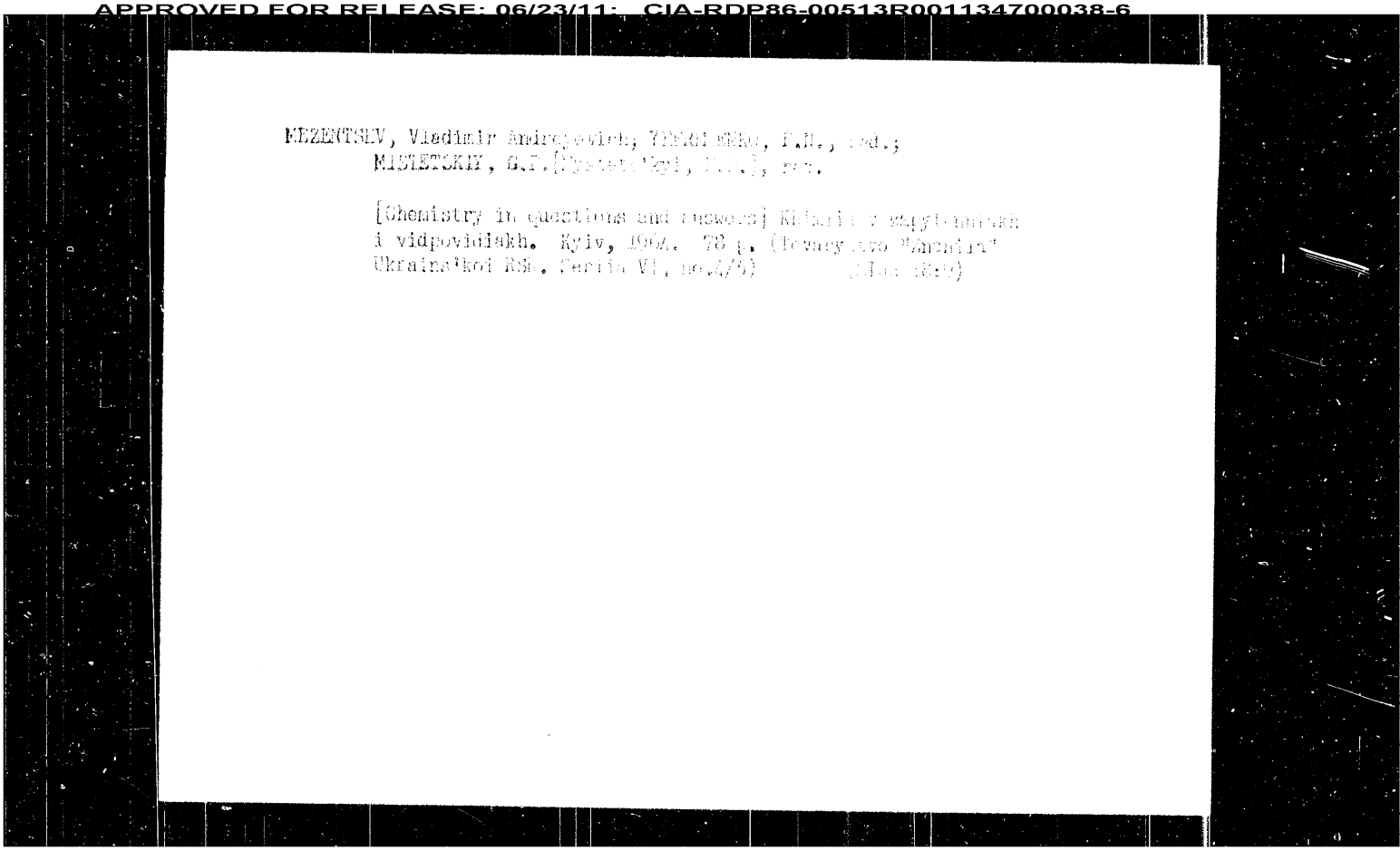

MEZENTSEV, Vladimir Andreyevich; YERMAKOVA, P.N., red.;
MISETSKIY, G.T. [Hrytsenko, H.T.], tekh.

[Chemistry in questions and answers] Khimiia v zapytannykh
i vidpovidiakh. Kyiv, 1964. 78 p. (Tovarystvo "Znannia"
Ukrains'koi RSR. Seriia VI, no.3/9) (Illus. title)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

L 44617-66 EWP(w) IJP(c) EM

ACC NR: AT6033128 SOURCE CODE: HU/2504/66/053/03-/0297/0325

AUTHOR: Misteth, E.--Mishtet, E.

ORG: Planning Institute for Hydraulic Constructions, Budapest

TITLE: New method for the determination of the limit bearing force by using the probability calculus

SOURCE: Academia scientiarum hungaricae. Acta technica, v. 53, no. 3-4, 1966, 297-325

TOPIC TAGS: concrete, reinforced concrete, structural steel

ABSTRACT: Methods for the calculation of the economically most favorable risk for limit bearing forces based on data about the magnitudes and risks involved, and the mean error of the ultimate bearing forces obtained by testing were described. The methods were described in detail, and examples indicating their use for post-stressed concrete structures, pre-stressed concrete structures, reinforced concrete cantilevers, steel structures, and others, were presented. It was concluded that an economical and appropriate increase in the limit bearing force can be attained by the use of more reliable, rather than better, materials. Orig. art. has: 12 figures, 13 formulas and 5 tables. [Orig. art. in Eng.] [JPRS: 36,645]

SUB CODE: 11 / SUBM DATE: 06May63 / ORIG REF: 006 / OTH REF: 002

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

KORENYI, Gyula, okleveles mernok, MAV muszaki tanacsos, fomernok;
MISTETH, Endre, okleveles mernok

Design and construction of the Tatabanya underpass on the No.1 highway. Melyepitestud szemle 13 no.5:208-217 My '63.

1. MAV Hidepitesi Fonokseg, Budapest (for Korenyi).
2. Vizugyi Tervezo Vallalat osztalyvezetoje (for Misteth).

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTETH, Endre, okleveles mernok

A new method for determining limit stresses by means of pro-
bability calculus. Melyepitestud szemle 13 no.11:492-507 N'63.

1. Vizugyi Tervezo Iroda irodavezeto fomernoke.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTERSKI, Wladyslaw

Fertilizing with straw in the light of recent research. Postepy nauk roln 10 no.3:93-107 My-Je'63

1. Instytut Uprawy, Nawozenia i Gleboznawstwa, Wroclaw.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTERSKI, Wladyslaw; LOGINOW, Wlodzimierz

Studieson humus. Pt.3. Rocz nauk roln rosl 80 no.4:675-698 '60.
(EEAI 9:11)

(Poland--Humus) (Compost)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTERSKI, Wł.; LOGINOW, Wł.

Research on the physico-chemical properties of humus. Acta agrobotan 9 no.1:189-193 '60.

1. Zaklad Doswiadczalny Baborowko, Polska Akademia Nauk, Warszawa.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTERSKI, Wladyslaw; LOGINOW, Wlodzimierz

The management of farmyard manure and its importance as fertilizer in the light of research. Postepy nauk roln 7 no.2:75-89 Mr/Ap '60.
(EEAI 9:10)

1. Instytut Uprawy, Nawozenia i Gleboznawstwa, Baborowko.
(Fertilizers and manures)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTERSKI, W.; LOGINOW, W.; PAJEWSKI, M.

Research on the dynamics of nutrition of winter Camelina (Camelina Sativa). Rocz nauk roln rosl 80 no.2:391-407 '59. (EEAI 9:11)
(Poland--Camelina sativa)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTERSKI, V.; LOGINOV, V. (Baboruvko, Pol'sha)

Investigating physical and chemical properties of humic acids [with summary in English]. Pochvedsdenie no.2:39-51 F '59. (MIRA 12:3)

(Humic acid)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

Poland

C.Country : Cultivated Plants. Fodder Grasses and Roots.

Abs. Jour: Ref Zur -Biologie, No 5 , 1959, No.[illegible]

AUTHOR : Mistarski, Wladyslaw
INST. : Inst.of Fertilizers And Agriculture
TITLE : Simultaneous Fall Sowing of Red Clover and Winter Rape.

ORIG. PUB.: Wydawn. Wiejsk. Inst. Nawozow i Gleboznawstwa, 1957, No.61, 61-65

ABSTRACT : It has been determined by experiments made by the Institute of Fertilizers and Agriculture at its experimental field in Baborovka (Poland) that after the harvest of rape, clover reaped in the middle of August yields a roughage crop of up to 150 cwt/ha. Leaving the clover until the middle of September produced a yield of seed totaling 0.7-1.6 cwt/ha. It is recommended that one and 8 kg/ha of winter rape seeds and 20-25 kg/ha of red clo-

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MISTERSKI W.

POLAND/Soil Science. Organic Fertilizers J-6

Abs Jour : Ref Zhur - Biol., No 20, 1958, No 91474

Author : Misterski W., Andrzejewski A., Zbielkowski J.
Inst : Institute of Agrotechny
Title : On the Spreading of Manure in Winter

Orig Pub : Roczn. Nauk. Rolniczych, 1956, A73, No 3, 349-366

Abstract : In field experiments, made with potatoes for four years by the Institute of Agrotechnics, Fertilizers and Soil Science at the Baboruvko experimental farm, similar harvests have been obtained, independent of the time of spreading the manure after the deep autumn plowing. On a four year average, the following harvests of tubers are reported for different times of spreading: January-302 centners/ha, February 302, March 290 and April (with immediate tillage) 294 centners/ha. The same results have already been obtained at three farms with slightly different climatic conditions. Winter application is not permissible on slopes. -- A.I. Zhuravlikhy

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DRAK, Juliusz; HIRNLE, Zbigniew; MISTERKA, Stefan

Unusual etiology of an inflammatory tumor of the ileum simulating a malignant neoplasm. Pol. przegl. radiol. 29 no.3:297-300 My-Je '65.

1. Z III Kliniki Chirurgicznej AM we Wroclawiu (Kierownik: prof. dr. med. Z. Jezioro) i z Kliniki Radiologicznej AM we Wroclawiu (Kierownik: doc. dr. Z. Kubrakiewicz).

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700038-6

MISTEREK, Witold, mgr.

Mechanization and automation of clerical work. Przegl
techn no.42:4 19 O '60.

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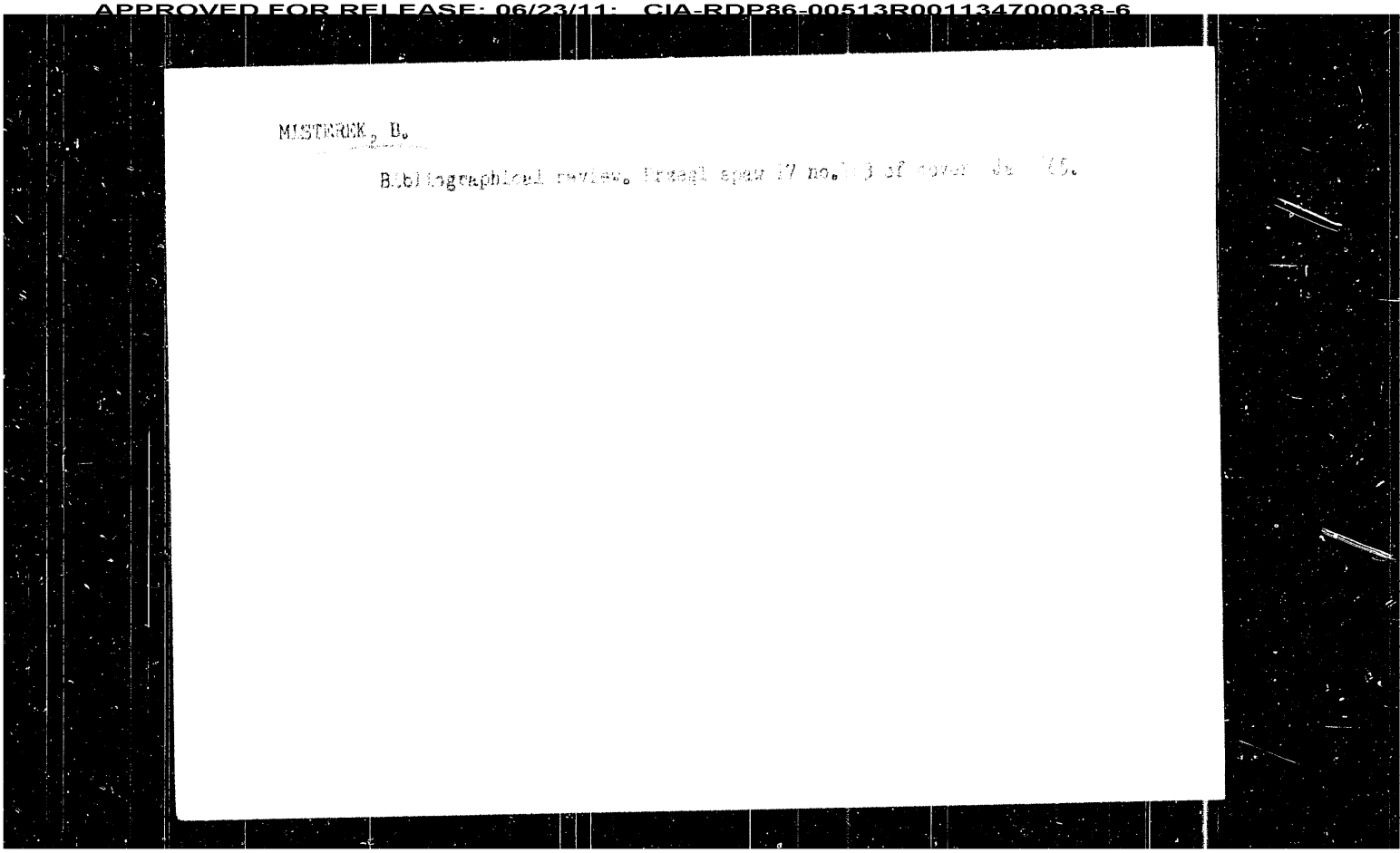

MISTRICK, B.

Bibliographical review. Trudy sper 17 no. 3 of cover Jan '60.

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MISTEREK, B.

Plastics at the 31st International Poznan Fair. Polimery tworz wielk 7 no.10:385-388 O '62.

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